

Ch. 4 Review - Apply Data Management

Per Capital: means "for each head"
→ average per person

Net Worth: ("after taxes") Total Assets - Total liabilities

Percent Change:

$$= \frac{\text{new value} - \text{old value}}{\text{old value}} \times 100$$

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Statistics in the Media

- Ads often use statistical claims to convey a message - we must use critical thinking to understand how they might have manipulated statistics for their own purposes
- Data in graphs are sometimes not fully explained

Questions for Evaluating a Website: (You have these already!)

Author

- Who was the author of the website?
- Can the author be contacted?
- What are the authors qualifications and credentials?
- Is the author an authority on the subject?
- Is there a link you can find out more about the author?
- Does the document cite references?
- If primary research was done, was the method described?

Audience

- What is the purpose of the document/site?
- Who was it written for? (i.e. children, high school students, university students, special interest groups, etc)

Bias

- Is the website sponsored by an organization trying to sell a point of view or a company trying to sell a product?
- What are the opinions of the author? Why is the author trying to sway your opinion?

Relevance

- Is the website current?
- When was it written?
- When was it last updated?
- Are there links to more up-to-date information?

Links

- Are links live?
- Are links up-to-date?
- Are the links relevant to the topic or do the links send you to advertisements?

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Practice:
p.258# 1, 2, 5, 6, 7

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